

Groundwater Use Registry Buckslip

Site Name BARRON'S RADIATOR SERVICE

Address 501 WEST THIRD ST.

ASHLAND, WI 54806

BRRTS # 03-02-188069

GPS Location: _____ latitude _____ longitude _____

Date of Closure Decision 12/30/99

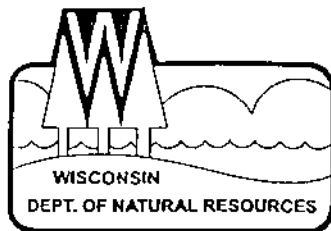
SW¹/₄, SW¹/₄, SEC 32, T48N, R4W

Required

- ☒ Closure Letter
- ☒ Deeds for all properties with ES exceedance in Groundwater (*RECORD GWR*)
- ☐ GPS location (latitude and longitude)
- ☒ Location map
- ☒ Detailed Site Map
- ☒ Groundwater Flow Direction Diagram including location of monitoring wells and all drinking water wells
- ☐ Latest Groundwater Plume Map with Groundwater Flow Direction
- ☒ Latest Table of Analytical Results for Groundwater

If Available, include the following:

- ☐ Metes and Bounds Legal Description
- ☒ Tax Parcel Number *OR DEED #201-4299-0000*
- ☒ Geologic cross sections showing soil and groundwater contaminant source extent and location, isoconcentrations for all groundwater contaminants that exceed NR 140 enforcement standards, water table and piezometric elevations, and the extent, location and elevation of geologic units, bedrock, and confining unites



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
William H. Smith, Regional Director

Northern Region Headquarters
107 Sutliff Ave.
Rhinelander, Wisconsin 54501-0818
Telephone 715-365-8900
FAX 715-365-8932
TDD 715-365-8957

August 19, 1999

Mr. Robert Baron
402 13th Ave E
Ashland, WI 54806

Subject: Baron's Radiator Service, 501 W Third St, Ashland, WI BRRTS # 03-02-188069

Dear Mr. Baron:

The Department of Natural Resources provided a notice to you that the degree and extent of waste oil and diesel fuel contamination at the above-named site was required to be investigated and remediated. We have since been informed that the required investigation and remediation has been accomplished.

On July 29, 1999, the above-named site was reviewed by the Northern Region Closeout Committee for a determination as to whether or not the case qualified for close out under ch. NR 726, Wis. Adm. Code.

Based on the investigative and remedial documentation provided to the Department, it appears that the waste oil and diesel fuel contamination at the above-named site has been remediated in compliance with the requirements of chs. NR 700 to 724, Wis. Adm. Code., and that no further action is necessary at this time. Therefore, the Department will consider the case "closed," pursuant to NR 726.05(8)(am), if the responsible party sign and record a Groundwater Use Restriction for the property.

Enclosed is an example of a Groundwater Use Restriction. Please draft a specific Groundwater Use Restriction for this site and submit the draft to me. Department of Natural Resources attorneys will review the draft and return it to you with revisions. After you have made the revisions, you should sign and record the restriction with the County Register of Deeds. To document that this condition has been complied with, the responsible party must submit to the Department a copy of the recorded Groundwater Use Restriction, with the recording information stamped on it, within 15 days after the Register of Deeds returns the Groundwater Use Restriction to the responsible party. The Groundwater Use Restriction may be amended in the future with the approval of DNR if conditions change at the site and the residual contamination is remediated.

The groundwater use restriction is an option that the Department can offer to you in order to close this site. If you choose not to accept this option, you may perform additional investigation and cleanup of the remaining contamination. Note that this additional work may not be eligible for reimbursement through the Petroleum Environmental Cleanup Fund Award (PECFA) Program. You should contact the Department of Commerce to determine eligibility of the additional work for reimbursement.

Please note that this case closure is contingent upon proper documentation of proper abandonment of the monitoring wells on site. If monitoring wells remain at this site, please provide the documentation that this action has been completed, or have your consultant do so. Please complete Form 3300-5B and send it to my



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Through Excellent Customer Service*



attention at the above address.

If you have any additional information which was not formerly provided to the Department, and which you feel would significantly impact this closure decision, you may submit that information for our re-evaluation of case closure.

If you have any questions, please call me at 715-365-8990.

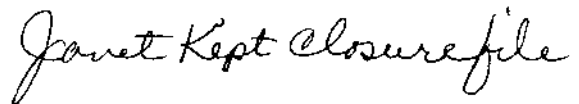
Sincerely,
NORTHERN REGION



Janet Kazda
Case Closeout Committee

cc: File
Lori Huntoon, Dept of Commerce
Steve Karklins, DG/2
Chuck Fitzgerald, Rhinelander
→ Chris Saari, Brule

Barb Flietner
Northern Environmental
330 s 4th Ave
Park Falls, WI 54552



03-02-188069

X267360

Document Number

GROUNDWATER USE RESTRICTION

Declaration of Restrictions

In Re: Lots Eleven (11) and Twelve (12) of Block One
Hundred and Thirteen (113) Vaughn Division to the
City of Ashland, Ashland County Wisconsin

REGISTER OF DEEDS OFFICE ASHLAND COUNTY, WI	
at 1 ¹⁰ Vol. 510	Received for Record O'clock P M. duly recorded in of Records on Page 3-6
DEC 14 1999	
Karen M. Miller REGISTER OF DEEDS	

Recording Area
Name and Return Address
Robert Baron
501 West Third Street
Ashland Wisconsin 54806

STATE OF WISCONSIN)
)
COUNTY OF ASHLAND) ss

201-4299-0000
Parcel Identification Number (PIN)

WHEREAS, Robert and Elizabeth Baron are the owners of
above-described property.

WHEREAS, one or more petroleum discharges have occurred on this property.
Petroleum-contaminated groundwater above NR 140 enforcement standards existed on
this property at the following locations(s) on the following dates: Benzene concentration
of 7.8 microgram per liter, (ug/liter) at monitoring well (MW) 100A on February 11, 1999,
1,2-Dichloroethane concentration of 5.3 ug/liter at MW 100 on November 6, 1999,
Benzo(b)fluoranthene concentration of 0.73 ug/liter, and Chrysene concentration of
1.7 ug/liter at MW 400 on May 11, 1999. [A map (Figure 2) showing monitoring well
locations is attached and made a part of this restriction]

WHEREAS, it is the desire and intention of the property owner to impose on the property
restrictions which will make it unnecessary to conduct further groundwater or soil
remediation activities on the property at the present time.

WHEREAS, natural attenuation has been approved by the Department of Natural
Resources to remediate groundwater contamination exceeding NR 140, Wis. Adm. Code
groundwater standards within the boundaries of this property.

WHEREAS, construction of wells where the water quality does not comply with drinking
water standards in NR 809 Wis. Adm. Code is restricted by NR 811 and NR 812, Wis. Adm. Code.
Special well construction standards or water treatment requirements, or both, or well
construction prohibitions may apply.

NOW THEREFORE, the owner hereby declares that all of the property described above is held and shall be held, conveyed or encumbered, leased, rented, used, occupied and improved subject to the following limitation and restrictions:

Anyone who proposes to construct or reconstruct a well on this property is required to contact the Department of Natural Resources' Bureau of Drinking Water and Groundwater, or its successor agency, to determine what specific requirements are applicable, prior to constructing or reconstructing a well on this property. No well may be constructed on this property unless applicable requirements are met.

If construction is proposed on this property that will require dewatering, or if groundwater is to be otherwise extracted from this property, while this groundwater use restriction is in effect, the groundwater shall be sampled and analyzed for contaminants that were previously detected on the property and any extracted groundwater shall be managed in compliance with applicable statutes and rules.

This restriction is hereby declared to be a covenant running with the land and shall be fully binding upon all persons acquiring the above-described property whether by descent, devise, purchase or otherwise. This restriction benefits and is enforceable by the Wisconsin Department of Natural Resources, its successors or assigns. The Department, its successors or assigns, may initiate proceedings at law or in equity against any person or persons who violate or are proposing to violate this covenant, to prevent the proposed violation or to recover damages for such violation.

Any person who is or becomes owner of the property described above may request that the Wisconsin Department of Natural Resources or its successor issue a determination that one or more of the restrictions set forth in this covenant is no longer required. Upon the receipt of such a request, the Wisconsin Department of Natural Resources shall determine whether or not the restrictions contained herein can be extinguished. If the Department determines that the restrictions can be extinguished, an affidavit, attached to a copy of the Department's written determination, may be recorded to give notice that this deed restriction, or portions of this deed restriction, are no longer binding.

IN WITNESS WHEREOF, the owner of the property has executed this Declaration of Restrictions, this 14th day of December, 1999.

Signature: Robert Baron
Printed Name: Robert Baron

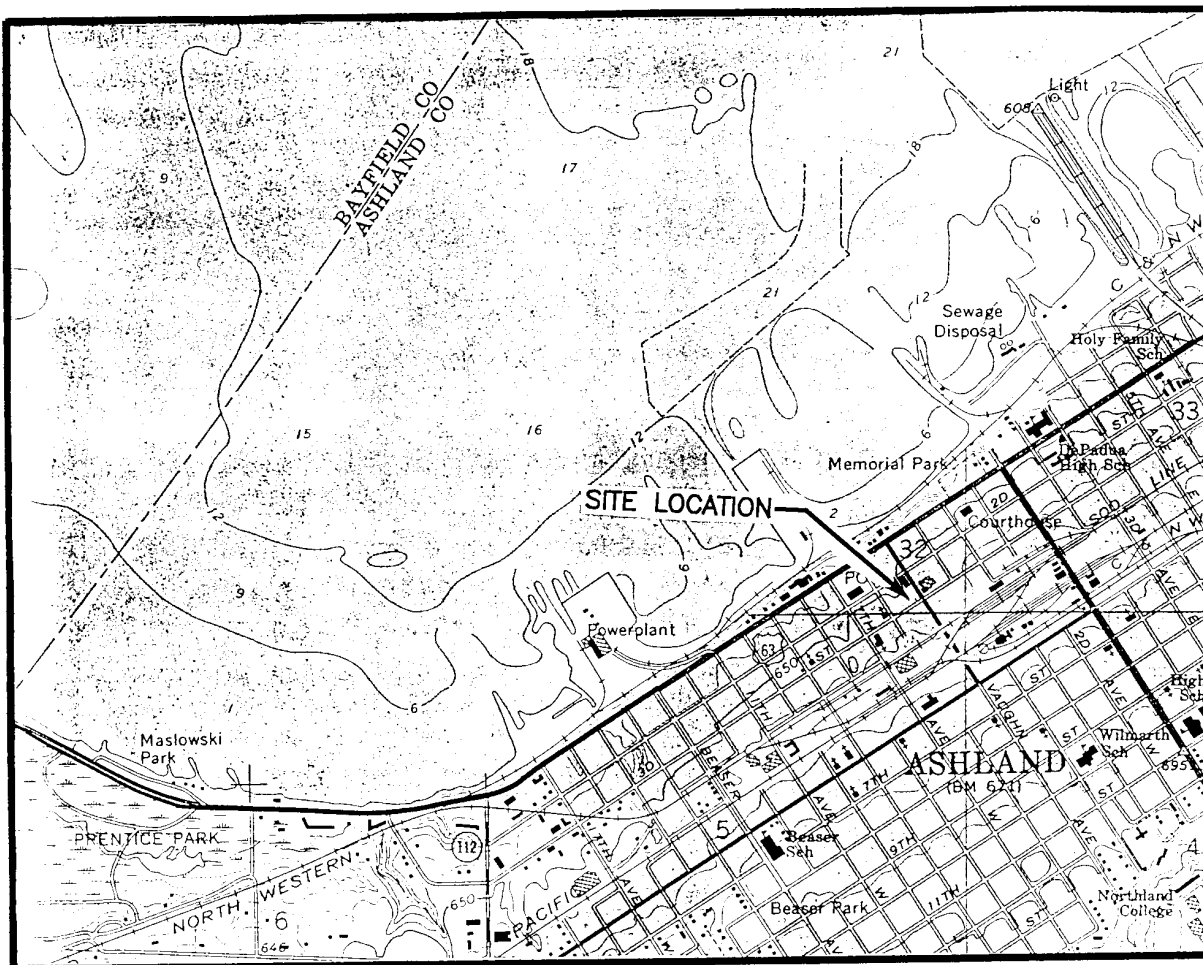
Signature: Elizabeth Baron
Printed Name: Elizabeth Baron

Subscribed and sworn to before me
this 14th day of December, 1999.

William K. Metzinger
Notary Public, State of WISCONSIN
My commission MAY 14, 2000



This document was drafted by the Wisconsin Department of Natural Resources.



SCALE IN FEET

1" = 2000'



CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929



BASE MAP SOURCE: USGS ASHLAND, WISCONSIN 7.5 MINUTE QUADRANGLE 1964 - PHOTOREVISED 1975

QUADRANGLE LOCATION

DRAWN BY: BJF PROJECT: BRS04-1408-0186 DATE: 6/17/98

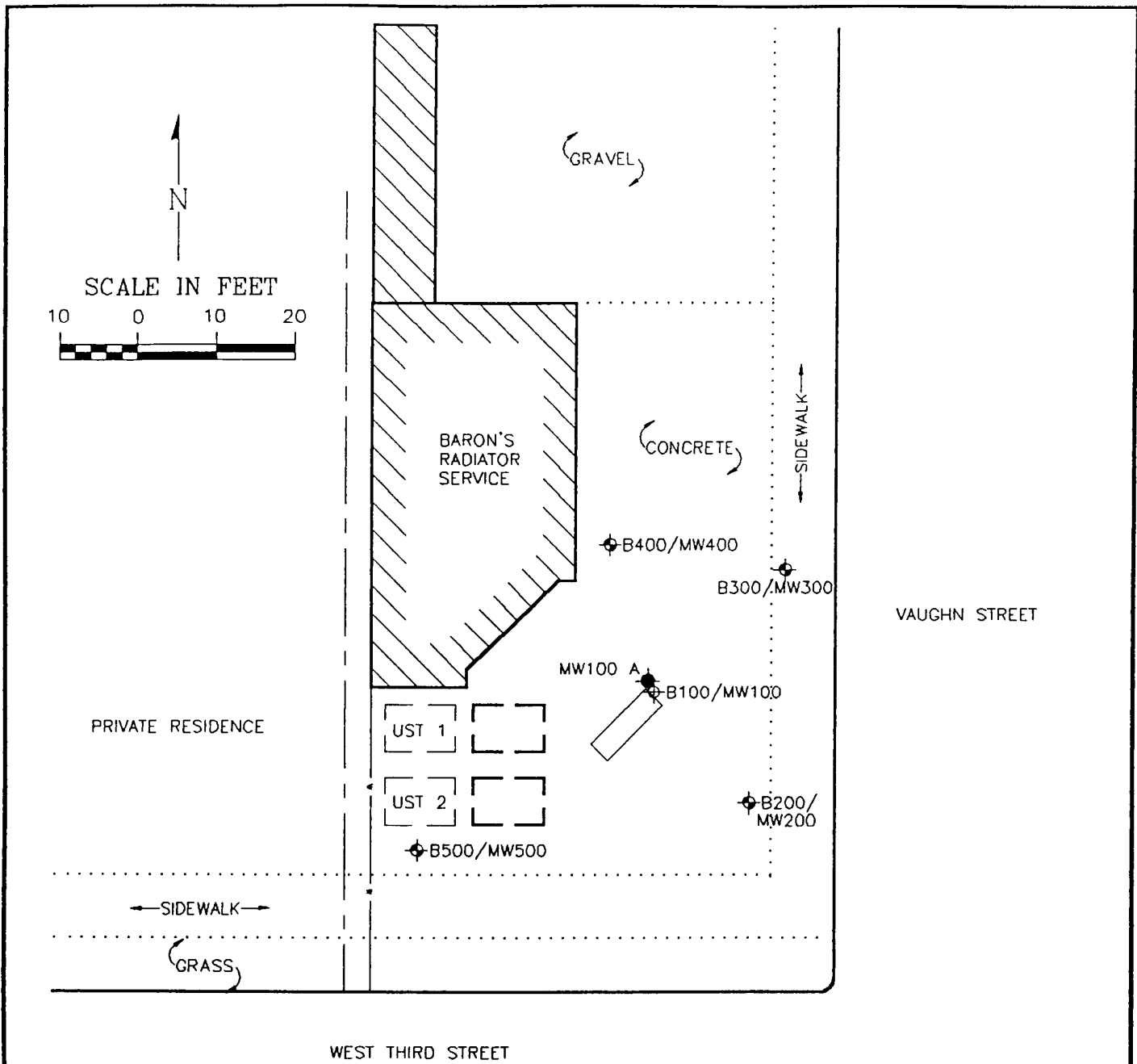
REV. DATE

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Northern EnvironmentalSM
Hydrologists • Engineers • Geologists

FIGURE 1
SITE LOCATION AND LOCAL TOPOGRAPHY

BARON'S RADIATOR SERVICE
501 WEST THIRD STREET, ASHLAND, WISCONSIN
ROBERT BARON



LEGEND

● MW100 A	MONITORING WELL LOCATION - REPLACED DURING REMEDIAL EXCAVATION	[UST 1]	FORMER UNDERGROUND STORAGE TANK (UST) LOCATION (REMOVED IN DECEMBER 1998) UST 1 = FUEL OIL UST 2 = WASTE OIL
⊕ B100/MW100	FORMER SOIL BORING/MONITORING WELL LOCATION	[]	FORMER GASOLINE UST LOCATION (REMOVED IN 1978)
⊕ B400/MW400	SOIL BORING/MONITORING WELL LOCATION	[]	FORMER DISPENSER ISLAND LOCATION
.....	SURFACE MATERIAL DIVISION		
— + —	WATER LINE LOCATION		
— - —	PROPERTY LINE LOCATION		

DRAWN BY: BJF PROJECT: BRS04-1408-0186 DATE: 12/7/98

REV. DATE
6/22/99

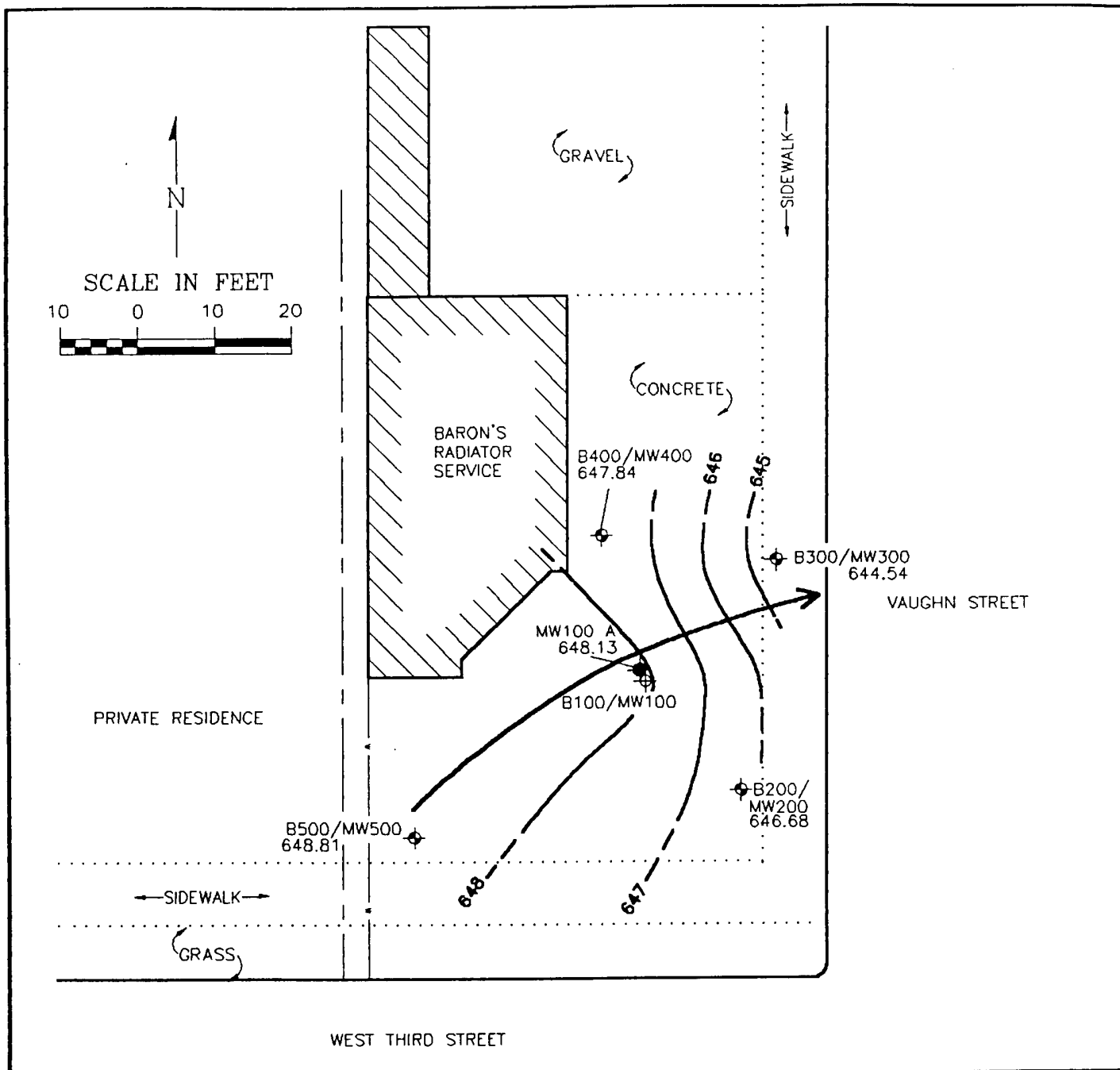
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FIGURE 2

LAYOUT AND SOIL BORING/MONITORING WELL LOCATION

BARON'S RADIATOR SERVICE
501 WEST THIRD STREET, ASHLAND, WISCONSIN
ROBERT BARON



LEGEND

- | | | | |
|------------------------|--|---------|---|
| ◆ MW100 A
648.13 | MONITORING WELL LOCATION (PLACED DURING REMEDIAL EXCAVATION) WITH GROUND-WATER ELEVATION IN FEET | 646 ——— | 5/11/99 GROUND-WATER ELEVATION CONTOUR (IN FEET)
*DASHED LINE= INFERRED ELEVATION
*CONTOUR INTERVAL= 1 FOOT |
| ⊕ B100/MW100 | FORMER SOIL BORING/MONITORING WELL LOCATION | ← | GROUND-WATER FLOW DIRECTION |
| ⊕ B400/MW400
647.84 | SOIL BORING/MONITORING WELL LOCATION WITH GROUND-WATER ELEVATION IN FEET | | SURFACE MATERIAL DIVISION |
| | | — · — | WATER LINE LOCATION |
| | | - - - | PROPERTY LINE LOCATION |

DRAWN BY: BJF PROJECT: BRS04-1408-0186 DATE: 5/20/99

REV. DATE

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FIGURE 4

GROUND-WATER ELEVATION MAP (5/11/99)

BARON'S RADIATOR SERVICE
501 WEST THIRD STREET, ASHLAND, WISCONSIN
ROBERT BARON

Table 3. Ground-Water Analytical Results, Baron's Radiator Service, Ashland, Wisconsin

Well ID	Date Sampled	QC Hold Time Met	VOCs												PAHs									
			Benzene	n-Butylbenzene	1,2-Dichloroethane	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	Naphthalene	n-Propylbenzene	Toluene	Trimethylbenzenes	Xylenes	Acenaphthene	Benz(a)anthracene	Benz(b)fluoranthene	Benz(g,h,i)perylene	Benzo(k)fluoranthene	Chrysene	Fluoranthene	Indeno(1,2,3-cd)pyrene	2-Methyl naphthalene	Phenanthrene	Pyrene
NE	1.5	0.5	NE	0.5	NE	1.40	NE	NE	8	NE	88.8	86	124	NE	800	NE	0.02	NE	0.02	80	NE	NE	50	
NE	15	5	NE	5	NE	700	NE	NE	40	NE	343	480	820	NE	3000	NE	0.2	NE	0.2	400	NE	NE	250	
MW100	11/05/98	Yes	530	1.3J	69	0.65J	53	6	0.57J	1.2	2.5	0.61J	1.8	10.4	19.2	—	—	—	—	—	—	—	—	—
	02/11/99	Yes	78	—	—	—	2.1	—	—	1.1J	5.51	3.3	0.85	<0.037	<0.047	<0.1	<0.22	<0.043	<0.14	<0.25	<0.17	0.054J	0.18	
	05/11/99	Yes	—	<0.32	—	—	<0.34	—	—	<0.35	<0.99	<1	<0.042	<0.037	<0.047	<0.1	<0.22	<0.043	<0.14	<0.25	<0.17	<0.86	0.23	
MW200	11/05/98	Yes	<100	<1.0	<0.25	<0.43	0.72	<0.32	<0.33	<0.34	<0.73	<0.36	<0.36	<0.7	<1.04	—	—	—	—	—	—	—	—	
	02/11/99	Yes	—	<0.32	—	—	<0.34	—	—	<0.35	<0.99	<1	<0.042	<0.037	<0.047	<0.1	<0.22	<0.043	<0.14	<0.25	<0.17	<0.86	<0.054	
	05/11/99	Yes	—	<0.32	—	—	<0.34	—	—	<0.35	—	<1	<0.042	<0.037	<0.047	<0.1	<0.22	<0.043	<0.14	<0.25	<0.17	<0.86	0.21	
MW300	11/05/98	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	02/11/99	Yes	—	<0.32	—	—	<0.34	—	—	<0.35	<0.99	<1	0.59	<0.037	<0.047	<0.1	<0.22	<0.043	<0.14	<0.25	<0.17	<0.86	<0.17J	
	05/11/99	Yes	—	<0.32	—	—	<0.34	—	—	<0.35	—	<1	<0.042	<0.037	<0.047	<0.1	<0.22	<0.043	<0.14	<0.25	<0.17	<0.86	0.23	
MW400	11/05/98	Yes	<100	<1.0	<0.25	<0.43	4.6	<0.32	<0.33	<0.34	<0.73	<0.36	<0.36	<0.7	<1.04	—	—	—	—	—	—	—	—	
	02/11/99	Yes	—	<0.32	—	—	<0.34	—	—	<0.35	<0.99	<1	<0.042	<0.037	<0.047	<0.1	<0.22	<0.043	<0.14	<0.25	<0.17	<0.86	<0.054	
	05/11/99	Yes	—	<0.32	—	—	<0.34	—	—	<0.35	—	<1	<0.042	<0.037	<0.047	<0.1	<0.22	<0.043	<0.14	<0.25	<0.17	<0.86	1	
MW500	11/05/98	Yes	<100	<1.0	<0.25	<0.43	3.6	<0.32	<0.33	<0.34	<0.73	<0.36	<0.36	<0.7	<1.04	—	—	—	—	—	—	—	—	
	02/11/99	Yes	—	<0.32	—	—	<0.34	—	—	<0.35	<0.99	<1	<0.042	<0.037	<0.047	<0.1	<0.22	<0.043	<0.14	<0.25	<0.17	<0.86	<0.054	
	05/11/99	Yes	—	<0.32	—	—	<0.34	—	—	<0.35	—	<1	<0.042	<0.037	<0.047	<0.1	<0.22	<0.043	<0.14	<0.25	<0.17	<0.86	0.18J	
Duplicate(MW100)	11/05/98	Yes	20	—	—	—	21	—	—	12	—	56	—	—	—	—	—	—	—	—	—	—	—	
	02/11/99	Yes	9.3	—	—	—	2.3	—	—	3.6	—	2.5J	—	—	—	—	—	—	—	—	—	—	—	
	05/11/99	Yes	—	<0.32	—	—	<0.34	—	—	<0.35	<0.99	<1	<0.042	<0.037	<0.047	<0.1	<0.22	<0.043	<0.14	<0.25	<0.17	<0.86	0.18J	
Trip	11/05/98	Yes	—	<0.32	—	—	<0.34	—	—	<0.35	<0.99	<1	<0.042	<0.037	<0.047	<0.1	<0.22	<0.043	<0.14	<0.25	<0.17	<0.86	0.18J	
	02/11/99	Yes	—	<0.32	—	—	<0.34	—	—	<0.35	—	<1	<0.042	<0.037	<0.047	<0.1	<0.22	<0.043	<0.14	<0.25	<0.17	<0.86	0.18J	
	05/11/99	Yes	—	<0.32	—	—	<0.34	—	—	<0.35	—	<1	<0.042	<0.037	<0.047	<0.1	<0.22	<0.043	<0.14	<0.25	<0.17	<0.86	0.18J	

Note:

GRO = Gasoline Range Organics

VOCs = Volatile Range Organics

µg/l = micrograms per liter

NE = Not Exceeded

J = Not quantified by Wisconsin Department of Natural Resources (MDNR)

0.72 = MDNR Preventive Action Limit Exceeded

6.9 = MDNR Enforcement Standard Exceeded

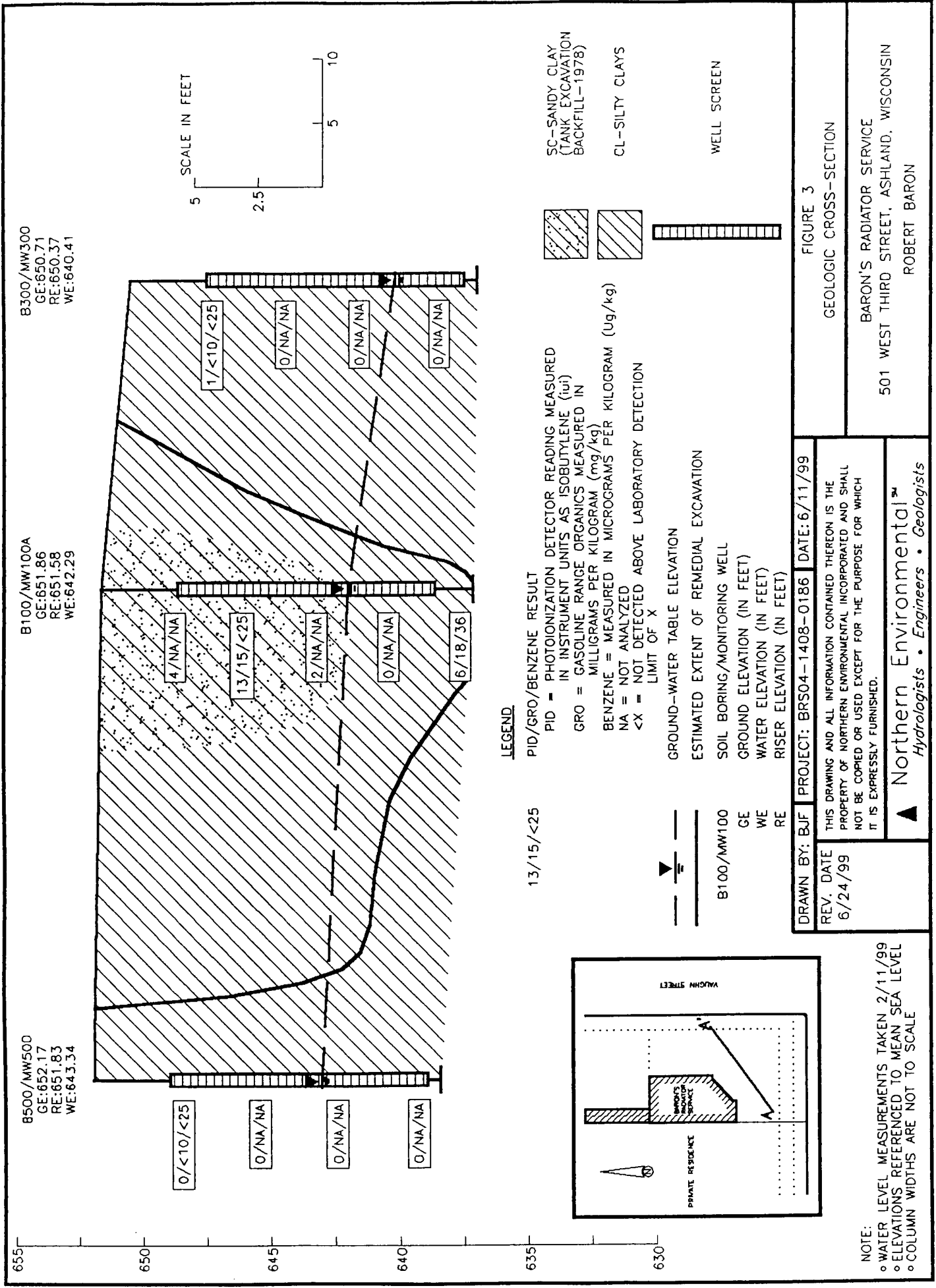
— = Not analyzed

< = Not detected above laboratory limit of \pm

*J = Analyte detected between laboratory Limit of Detection (LOD) and Limit of Quantitation (LOQ)

* = MW100 was removed during excavation and replaced with

PAHs = Polynuclear Aromatic Hydrocarbons



LEGEND

- 13/15/<25
PID/GRO/BENZENE RESULT
PID = PHOTOIONIZATION DETECTOR READING MEASURED IN INSTRUMENT UNITS AS ISOBUTYLENE (iu)
GRO = GASOLINE RANGE ORGANICS MEASURED IN MILLIGRAMS PER KILOGRAM (mg/kg)
BENZENE = MEASURED IN MICROGRAMS PER KILOGRAM (ug/kg)
NA = NOT ANALYZED
<X = NOT DETECTED ABOVE LABORATORY DETECTION LIMIT OF X
GROUND-WATER TABLE ELEVATION
ESTIMATED EXTENT OF REMEDIAL EXCAVATION
SOIL BORING/MONITORING WELL
GROUND ELEVATION (IN FEET)
WATER ELEVATION (IN FEET)
RISER ELEVATION (IN FEET)

Figure 3
GEOLOGIC CROSS-SECTION
BARON'S RADIATOR SERVICE
501 WEST THIRD STREET, ASHLAND, WISCONSIN
ROBERT BARON
Northern Environmental
Hydrologists • Engineers • Geologists
DRAWN BY: BJF PROJECT: BRS04-1408-0186 DATE: 6/11/99
REV. DATE 6/24/99
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NOTE:
WATER LEVEL MEASUREMENTS TAKEN 2/11/99
ELEVATIONS REFERENCED TO MEAN SEA LEVEL
COLUMN WIDTHS ARE NOT TO SCALE